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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
09/895,430	06/29/2001	Kent S. Sorenson	B-053	8990	
75	90 10/07/2003		EXAM	INER	
Stephen R. Christian			BARRY, CI	BARRY, CHESTER T	
Bechtel BWXT Idaho, LLC P.O. Box 1625		:	ART UNIT	PAPER NUMBER	
Idaho Falls, ID	83415-3899		1724	1724	

DATE MAILED: 10/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

•	Application I	No.	Applicant(s)		
		10 .			
Office Action Summary	09/895,430		SORENSON, KENT S.		
cince near cumulary	Examiner		Art Unit		
The MAILING DATE of this communication app	Chester T. Ba		1724 correspondence add	ress	
Period for Reply					
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, - Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	36(a). In no event, he within the statutory will apply and will expect the applications.	nowever, may a reply be tir r minimum of thirty (30) day pire SIX (6) MONTHS from on to become ABANDONE	nely filed /s will be considered timely. In the mailing date of this come in the constant of t	imunication.	
1) Responsive to communication(s) filed on 6/29	<u>//01, 7/30/01</u> .				
2a) ☐ This action is FINAL . 2b) ☑ Thi	is action is no	n-final.			
3) Since this application is in condition for alloward closed in accordance with the practice under a Disposition of Claims	Ex parte Quay			merits is	
4) Claim(s) 1-50 is/are pending in the application					
4a) Of the above claim(s) is/are withdrav	vn from consid	deration. `			
5) Claim(s) is/are allowed.					
6)⊠ Claim(s) <u>1-50</u> is/are rejected.					
7) Claim(s) is/are objected to.					
8) Claim(s) are subject to restriction and/or	r election requ	iirement.			
Application Papers	_				
9) The specification is objected to by the Examine 10) The drawing(s) filed on 29 June 2001 is/are: a)	•	h) abjected to by	the Eveminer		
Applicant may not request that any objection to the	•				
11) The proposed drawing correction filed on		-	• • •	,	
If approved, corrected drawings are required in rep				•	
12) The oath or declaration is objected to by the Ex	•				
Priority under 35 U.S.C. §§ 119 and 120			•		
13) Acknowledgment is made of a claim for foreign	priority unde	r 35 U.S.C. § 119(a	a)-(d) or (f).		
a) ☐ All b) ☐ Some * c) ☐ None of:	•				
1. Certified copies of the priority documents	s have been re	eceived.		•	
2. Certified copies of the priority documents have been received in Application No					
Copies of the certified copies of the prior application from the International But See the attached detailed Office action for a list.	reau (PCT Ru	le 17.2(a)).		tage	
14) Acknowledgment is made of a claim for domestic		•		annlication)	
a) The translation of the foreign language pro	-			-philodiloi1/.	
15) Acknowledgment is made of a claim for domesti	c priority unde	er 35 U.S.C. §§ 120	o and/or 121.		
Attachment(s)				•	
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2- 	5)	Notice of Informal	y (PTO-413) Paper No(s) Patent Application (PTO- FROM BOB BOL	152)	

Application/Control Number: 09/895,430

Art Unit: 1724

Claims 1, 2, 5, 6, 7, 9, 12 – 17, 19 – 21, 24-27, 30-33, 35, 36, 39-42, 45-48, 50 are rejected under 35 U.S.C. Sec. 102(b) as being clearly anticipated by USP 6001252 to Rice (col 4 lines 7-31). Sodium lactate, a salt of lactic acid, is described at col 17. Claim 2 is met by inherency.

Claims 3, 18, 22, 34, 37, 49 are rejected under 35 USC §103(a) as obvious over Rice '252. Rice suggests using any microorganism capable of reductive dehalogenation. The microorganisms recited in the claims appear to be known reductive dehalogenation microorganisms. Therefore, it would have been obvious to have substituted the recited microorganisms for those described by Rice '252. Concentration is a known result-effective variable, so optimization of the amount of electron donor material added would have been obvious.

Claims 8, 10, 11, 28, 29, 43, 44 are rejected under 35 USC §103(a) as obvious over Rice '252 in view of USP 6420594 to Farone. Rice '252 is applied as above. Farone teaches that ethyl lactate can be used as an electron donor in reductive dehalogenation methods. It would have been obvious to have used ethyl lactate or a combination of sodium lactate and ethyl lactate in the Rice method given Farone's teaching.

Claims 4, 23, 38 are rejected under 35 U.S.C. Sec. 102(b) as being clearly anticipated by USP 5464771 to Bryant. See in particular col 4 line 50 ("co-catabolic").

Art Unit: 1724

Ref D – G are cited of interest to show the state of the prior art.

Respectfully,

CHESTER T. BARRY PRIMARY EXAMINER

703-306-5921

Barry, Chester

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Author(s):

Sorenson, Kent S.

Year:

2000

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Language: SUBJECT (S) English

Descriptor:

Trichloroethane.

In situ bioremediation.

Groundwater -- Pollution -- Idaho.

Note(s):

Includes bibliographical references (leaves

209-224)./ Dissertation: Thesis (Ph. D.)--University of Idaho,

2000.

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LC: TD192.8

Responsibility:

Kent S. Sorenson, Jr.

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